

Applicant: Eberhard LUNG et al
Docket No. R.307198
Preliminary Amdt.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10. (Canceled)

11. **(New)** A stator assembly for an electrical machine, comprising a housing, a stator and at least one inward-oriented bead on the housing and extending in the axial direction (X-X).

12. **(New)** The stator assembly as defined by claim 11, wherein the stator has at least one inward- or outward- oriented bead extending in the axial direction.

13. **(New)** The stator assembly as defined by claim 12, wherein the at least one bead on the housing and the at lease one bead on the stator are embodied such that in the installed state, the housing and the stator are connected at a plurality of connecting points and one gap each is embodied in the circumferential direction between the respective connecting points.

14. **(New)** The stator assembly as defined by claim 12, wherein between a bead of the housing and a bead of the stator, there is a gap at the lowest point of the beads in the installed state.

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15. **(New)** The stator assembly as defined by claim 13, wherein between a bead of the housing and a bead of the stator, there is a gap at the lowest point of the beads in the installed state.

16. **(New)** The stator assembly as defined by claim 12, wherein, between one bead of the housing and one bead of the stator in the installed state, a gap between the housing of the stator is embodied at a transition from the outer diameter of the stator to the bead.

17. **(New)** The stator assembly as defined by claim 13, wherein, between one bead of the housing and one bead of the stator in the installed state, a gap between the housing of the stator is embodied at a transition from the outer diameter of the stator to the bead.

18. **(New)** The stator assembly as defined by claim 14, wherein, between one bead of the housing and one bead of the stator in the installed state, a gap between the housing of the stator is embodied at a transition from the outer diameter of the stator to the bead.

19. **(New)** The stator assembly as defined by claim 12, wherein a plurality of beads are embodied on the housing and on the stator, said beads being each spaced apart equally from one another in the circumferential direction.

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20. **(New)** The stator assembly as defined by claim 13, wherein a plurality of beads are embodied on the housing and on the stator, said beads being each spaced apart equally from one another in the circumferential direction.

21. **(New)** The stator assembly as defined by claim 16, wherein a plurality of beads are embodied on the housing and on the stator, said beads being each spaced apart equally from one another in the circumferential direction.

22. **(New)** The stator assembly as defined by claim 11, wherein each at least one bead on the housing in the axial direction correspond to a length of the stator in the axial direction.

23. **(New)** The stator assembly as defined by claim 13, wherein each at least one bead on the housing in the axial direction correspond to a length of the stator in the axial direction.

24. **(New)** The stator assembly as defined by claim 16, wherein each at least one bead on the housing in the axial direction correspond to a length of the stator in the axial direction.

25. **(New)** The stator assembly as defined by claim 11, further comprising a bearing support for an armature shaft of the electrical machine formed integrally on the housing.

26. **(New)** The stator assembly as defined by claim 12, further comprising a bearing support for an armature shaft of the electrical machine formed integrally on the housing.

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27. **(New)** The stator assembly as defined by claim 16, further comprising a bearing support for an armature shaft of the electrical machine formed integrally on the housing.
28. **(New)** The stator assembly as defined by claim 13, further comprising securing openings formed integrally on the housing for securing the electrical machine.
29. **(New)** The stator assembly as defined by claim 16, further comprising securing openings formed integrally on the housing for securing the electrical machine.
30. **(New)** An electrical machine, including a stator assembly as defined by claim 13.